The Salt Route

EuroPython 2015
@pabluk

http://seminar.io
Cloud HR Service Delivery Solution
Helping the HR community increase productivity and employee satisfaction

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Employee Relationship Management
TEAMS & STACK

- 2 Python/Django teams
- 1 Java/Scala team
- 1 EmberJS/Django (API) team
- 1 Devops team
- Saltstack configuration management
- Openstack cloud instances
- NewRelic alerting and monitoring
SALTSTACK
Open Source
Python
WHY?
<table>
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<th>MAIN CONCEPTS</th>
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<td>1.</td>
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1. Master & Minions

2.

3.

4.
1. Master & Minions
2. States
3.
4.
# salt/packages.sls

vim:

pkg.installed

$ salt 'server1' state.sls packages
1. Master & Minions
2. States
3. Pillar
# pillar/users.sls

users:

    alice: 501

    bob: 502
1. Master & Minions
2. States
3. Pillar
4. Grains
WORKFLOW
IT WORKS, BUT NOT FOR LONG...
BOTTLENECK

COMPLEXITY
YOU BUILD IT, YOU RUN IT

Werner Vogel, CTO at Amazon.com
Split states by team

USE THE FORMULA, LUKE
“Untested code is broken code”

think about infrastructure as code
Jenkins + LXC = ❤️
Thank you!

@pabluk